



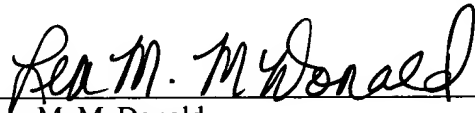
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06-13-01
PATENT
Attorney Docket No. CTX-072
(1545/125) #2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Coleman et al.
SERIAL NO.: 09/866,520 GROUP NO.: Not Yet Assigned
FILING DATE: May 25, 2001 EXAMINER: Not Yet Assigned
TITLE: Reducing the Amount of Graphical Line Data Transmitted Via a Low Bandwidth Transport Protocol Mechanism

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 28th day of June, 2001.

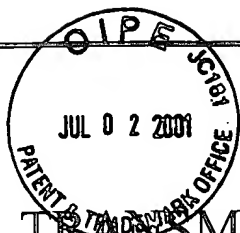

Lea M. McDonald

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith are:

1. Transmittal Form (1 page);
2. Information Disclosure Statement (2 pages);
3. Form PTO-1449 (5 pages);
4. Copy of References A1-A69, B1-B13, C1-C9; and
5. Return Receipt Postcard.



TRANSMITTAL FORM

Application Serial Number	09/800,020
Filing Date	May 25, 2001
First Named Inventor	Coleman
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket No.	CTX-072 (1545/125)
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable

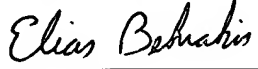
ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] <input type="checkbox"/> Petition for Extension of Time <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations: A1 -A69, B1-B13, C1-C9 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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CORRESPONDENCE ADDRESS

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SIGNATURE BLOCK

Respectfully submitted,

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Date: June 28, 2001
Reg. No. 47,416
Tel. No.: (617) 248-7690
Fax No.: (617) 248-7100



PATENT
Attorney Docket No. CTX-072
(1545/125)

THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Coleman et al.
SERIAL NO.: 09/866,520 GROUP NO.: Not Yet Assigned
FILING DATE: May 25, 2001 EXAMINER: Not Yet Assigned
TITLE: Reducing the Amount of Graphical Line Data Transmitted Via a Low Bandwidth Transport Protocol Mechanism

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Elias Behrakis

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125 High Street
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Date: June 28, 2001
Reg. No. 47,416

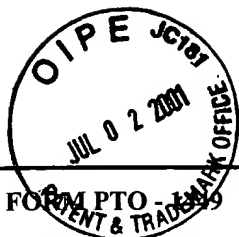
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FORM 1449 INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: CTX-072 (1545/125) APPLICANT(S): Coleman et al. SERIAL NO.: 09/866,520 FILING DATE: May 25, 2001, GROUP: To Be Assigned
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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	4,013,828	3/22/77	Judice	358	133	2/20/76
	A2	4,410,916	10/18/83	Pratt et al.	358	263	7/9/81
	A3	4,463,424	7/31/84	Mattson et al.	364	300	10/21/83
	A4	4,499,499	2/12/85	Brickman et al.	358	263	12/29/82
	A5	4,562,423	12/31/85	Humblet	340	347	6/5/84
	A6	4,701,745	10/20/87	Waterworth	340	347	3/3/86
	A7	4,796,003	1/3/89	Bentley et al.	341	95	6/28/84
	A8	4,807,029	2/21/89	Tanaka	358	133	6/16/87
	A9	4,860,247	8/22/89	Uchida et al.	364	900	2/18/87
	A10	4,862,392	8/29/89	Steiner	364	522	3/7/86
	A11	4,870,662	8/26/89	Lindbergh et al.	375	122	12/1/87
	A12	4,899,149	2/6/90	Kahan	341	67	2/28/86
	A13	4,903,218	2/20/90	Longo et al.	364	521	8/13/87
	A14	4,928,247	5/22/90	Doyle et al.	364	518	4/20/88
	A15	4,937,036	6/26/90	Beard et al.	340	706	3/21/88
	A16	4,949,281	8/14/90	Hillenbrand et al.	364	518	4/19/88
	A17	4,958,303	9/18/90	Assarpour et al.	364	521	5/12/88
	A18	4,992,954	2/12/91	Takeda et al.	364	518	8/3/88
	A19	5,001,478	3/19/91	Nagy	341	67	12/28/89
	A20	5,016,009	5/14/91	Whiting et al.	341	106	1/13/89
	A21	5,049,881	9/17/91	Gibson et al.	341	95	6/18/90
	A22	5,051,745	9/24/91	Katz	341	51	8/21/90
	A23	5,072,412	12/10/91	Henderson, Jr. et al	395	159	3/25/87



FORM PTO - MARK OFFICE INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: CTX-072 (1545/125) APPLICANT(S): Coleman et al. SERIAL NO.: 09/866,520 FILING DATE: May 25, 2001, GROUP: To Be Assigned
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U.S. PATENT DOCUMENTS

	A24	5,103,303	4/7/92	Shoji et al.	358	75	2/13/91
	A25	5,115,479	5/19/92	Murayama	382	56	9/30/91
	A26	5,119,319	6/2/92	Tanenbaum	364	514	12/14/89
	A27	5,126,739	6/30/92	Whiting et al.	341	106	11/27/90
	A28	5,140,321	8/18/92	Jung	341	55	9/4/91
	A29	5,155,485	10/13/92	Sako et al.	341	95	10/26/90
	A30	5,161,015	11/3/92	Citta et al.	358	162	4/1/91
	A31	5,164,727	11/17/92	Zakhor et al.	341	143	4/30/91
	A32	5,231,697	7/27/93	Yamada	395	142	4/20/90
	A33	5,309,555	5/3/94	Akins et al.	395	157	5/14/92
	A34	5,315,698	5/24/94	Case et al.	395	162	8/21/91
	A35	5,321,806	6/14/94	Meinerth et al.	395	162	8/21/91
	A36	5,351,129	9/27/94	Lai	348	584	3/24/92
	A37	5,384,568	1/24/95	Grinberg et al.	341	51	12/2/93
	A38	5,406,279	4/11/95	Anderson et al.	341	51	9/2/92
	A39	5,414,457	5/9/95	Kadowaki et al.	348	14	12/26/91
	A40	5,455,576	10/3/95	Clark, II et a.	341	50	2/7/94
	A41	5,469,540	11/21/95	Powers, III et al.	395	158	1/27/93
	A42	5,473,742	12/5/95	Polyakov et al.	395	142	2/22/94
	A43	5,485,460	1/16/96	Schrier et al.	370	94.1	8/19/94
	A44	5,515,111	5/7/96	Guedalia	348	427	1/28/94
	A45	5,515,508	5/7/96	Pettus et al.	395	200.01	12/17/93
	A46	5,521,597	5/28/96	Dimitri	341	51	8/2/93
	A47	5,537,551	7/16/96	Denenberg et al.	395	200.18	11/18/92
	A48	5,566,288	10/15/96	Koerhsen	395	142	9/2/94
	A49	5,572,206	11/5/96	Miller et al.	341	51	7/6/94



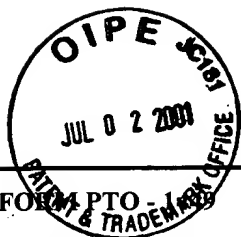
FORM PTO - 1574 INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: CTX-072 (1545/125) APPLICANT(S): Coleman et al. SERIAL NO.: 09/866,520 FILING DATE: May 25, 2001, GROUP: To Be Assigned
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U.S. PATENT DOCUMENTS

A50	5,579,469	11/26/96	Pike	395	326	10/19/95
A51	5,740,171	4/14/98	Mazzola et al.	370	392	3/28/96
A52	5,757,925	5/26/98	Faybishenko	380	49	7/23/96
A53	5,767,849	6/16/98	Borgendale et al.	345	335	8/18/95
A54	5,771,034	6/23/98	Gibson	345	141	5/5/97
A55	5,784,070	7/21/98	Furuhashi et al.	345	419	6/3/97
A56	5,826,027	10/20/98	Pedersen et al.	395	200.51	10/11/95
A57	5,874,960	2/23/99	Mairs et al.	345	340	7/5/95
A58	5,877,757	3/2/99	Baldwin et al.	345	336	5/23/97
A59	5,918,019	6/29/99	Valencia	395	200.57	7/29/96
A60	5,944,791	8/31/99	Scherpbier	709	218	10/4/96
A61	5,949,975	9/7/99	Batty et al.	395	200.43	3/12/97
A62	5,999,179	12/7/99	Kekic et al.	345	349	11/17/97
A63	5,999,950	12/7/99	Krueger et al.	707	535	8/11/97
A64	6,016,535	1/18/00	Krantz et al.	711	171	10/11/95
A65	6,034,689	3/7/00	White et al.	345	357	6/3/96
A66	6,057,857	5/2/00	Bloomfield	345	441	06/12/96
A67	6,081,623	6/27/01	Bloomfield et al.	382	239	10/11/95
A68	6,161,126	12/12/00	Wies et al.	709	203	2/2/99
A69	Re.32,632	3/29/88	Atkinson	340	709	7/19/82

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
B1	0283735 A2	9/28/88	EP	7	30	2/22/88	N	Y
B2	0684582 A3	4/9/97	EP	15	02	4/1/95	N	Y
B3	0684583 A2	11/29/95	EP	11	00	4/4/95	N	Y



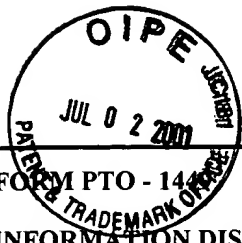
FORM PTO-1 INFORMATION & TRADEMARKS OFFICE INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: CTX-072 (1545/125) APPLICANT(S): Coleman et al. SERIAL NO.: 09/866,520 FILING DATE: May 25, 2001, GROUP: To Be Assigned
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FOREIGN PATENT DOCUMENTS

	B4	0836145 A2	4/15/98	EP	17	30	10/1/97	N	Y
	B5	0691628 A2	1/10/96	EP	9	00	7/5/95	N	Y
	B6	0734144 A2	9/25/96	EP	15	28	3/4/96	N	N
	B7	0739140 A2	10/23/96	EP	7	26	4/17/96	N	Y
	B8	06125363	5/6/94	JP	12	56	10/14/92	Y	Y
	B9	94/03853	2/17/94	WO	3	14	7/22/93	N	Y
	B10	95/20863	8/3/95	WO	7	26	1/20/95	N	Y
	B11	97/18635	5/22/97	WO	29	06	9/20/96	N	Y
	B12	97/28623	8/7/97	WO			1/15/97	N	Y
	B13	97/28623	8/7/97	WO	9	455	1/15/97	Y	Y

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
C1	WebTV, "WebTV System Guide", http://developer.webtv.net/authoring/sysgde/sysgde.html , 9/13/00, pgs. 1-12
C2	IBM Technical Disclosure Bulletin, "Mechanisms for Finding Substitute Fonts in a Conference-Enabled X Windows Application", Vol. 41, No. 01, Jan. 1998 pgs. 137-142.
C3	IBM Technical Disclosure Bulletin, "Remote Desktop Environments Reflected in Local Desktop Windows", Vol. 36 No. 3, March 1993, pgs. 421-426
C4	<i>Patents on data compression algorithms</i> ; available web site: www.iapr-ic.dimi.uniud.it ; accessed on: March 31, 1998; pages 1-10.
C5	"The Norton Utilities Version 5.0 Disk Explorer", Copyright © 1990 Peter Norton Computing, Inc.; (pgs. 28-54); Santa Monica, CA
C6	"Word Based Data Compression Schemes" by Bar-Ness & Peckham, © 1989 (pgs. 300-303), The Center for Communication and Signal Processing Research Department of Electrical Engineering, NJIT Newark, NJ
C7	"A New Source Coding Method Based on LZW Adopting the Least Recently Used Deletion Heuristic" by Hayashi, Kubo, Yamazoto & Sasase; (pgs. 190-193); May 19, 1993; University of Victoria
C8	Murray, et al., "1.5 Move-to-Front Coding", 4 pp. 16-19, 1994.



FORM PTO - 14 INFORMATION DISCLOSURE STATEMENT		ATTORNEY DOCKET NO.: CTX-072 (1545/125) APPLICANT(S): Coleman et al. SERIAL NO.: 09/866,520 FILING DATE: May 25, 2001, GROUP: To Be Assigned
OTHER ART, JOURNAL ARTICLES, ETC.		
	C9	"Creating a Wider Bus Using Caching Techniques" by Citron & Rudolph; Institute of Computer Science, Hebrew University; Jerusalem, Israel; © 1995 IEEE
EXAMINER		DATE CONSIDERED

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